

#### **401 KAR 50:040. Air quality models.**

Cabinet FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION  
Bureau of Environmental Protection  
Division of Air Pollution

RELATES TO: KRS Chapter 224

PURSUANT TO: KRS 13.082, 224.003

NECESSITY AND FUNCTION: KRS 224.033 requires the Cabinet for Natural Resources and Environmental Protection to prescribe regulations for the prevention, abatement, and control of air pollution. This regulation specifies general provisions for the use of air quality models.

#### **Section 1. Air Quality Models.**

- (1) All estimates of ambient concentrations required under the regulations of the Division of Air Pollution shall be based on the applicable air quality models, data bases, and other requirements specified in the "Guidelines on Air Quality Models" (OAQPS 1.2-080, U. S. Environmental Protection Agency, Office of Air Quality Planning and Standards).
- (2) Where an air quality impact model specified in the "Guideline on Air Quality Models" is inappropriate, the model may be modified or another model substituted subject to the approval of the cabinet.
- (3) If the source is subject to 401 KAR 51:015, a substitution or modification of a model shall be subject to public comment procedures in accordance with 401 KAR 50:035, Section 3(3), and such substitution or modification of a model must be approved in writing by the cabinet and the U.S. Environmental Protection Agency.
- (4) Methods like those outlined in the "Workbook for the Comparison of Air Quality Models" (U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards) shall be used to determine the comparability of air quality models.

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